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## **Paper Measurement (GSM – LBS – PT Conversion)**

*\*Note - In Europe and Asia, people are using GSM for describing the paper weight instead of Lbs that is common in North America. The below formulas provide you with easy conversions between GSM & Lbs.*

### **Formula:**

1lb. of Text paper = 1.48 gsm. Multiply each pound of text paper by 1.48.

1 lb. of Cover paper = 2.708 gsm. Multiply each pound of cover paper by 2.708.

### **Example A:**

80lb. text = 118.4 gsm

80lb. cover = 216.64 gsm

### **Example B:**

14pt C2S Cover = Approx. 310 gsm

16pt C2S Cover = Approx. 350 gsm

18pt C2S Cover = Approx. 400 gsm

### **Conversion Chart:**

Bond Ledger	Offset Text	Cover	Tag	Index	Points (pt)	Caliper (inches)	mm	GSM
16	40	22	37	33	3.2	0.0032	0.081	60.2
18	45	24	41	37	3.6	0.0036	0.092	67.72
20	50	28	46	42	3.8	0.0038	0.097	75.2
24	60	33	56	50	4.8	0.0048	0.12	90.3
28	70	39	64	58	5.8	0.0058	0.147	105.35
29	73	40	62	60	6	0.0060	0.152	109.11
31	81	45	73	66	6.1	0.0061	0.155	116.63
32			74	67				120
35	90	48	80	74	6.2	0.0062	0.157	131.68
36	90	50	82	75	6.8	0.0068	0.173	135.45
39	100	54	90	81	7.2	0.0072	0.183	146.73
40	100	56	93	83	7.3	0.0073	0.185	150.5
43	110	60	100	90	7.4	0.0074	0.188	161.78
44	110	61	102	92	7.6	0.0076	0.193	165.55
47	120	65	108	97	8	0.0078	0.198	176.83
53	135	74	122	110	9	0.0085	0.216	199.41
54	137	75	125	113	9	0.009	0.229	203.17
58	146	80	134	120	9.5	0.0092	0.234	218.22
65	165	90	150	135	10	0.0095	0.241	244.56
67	170	93	156	140	10.5	0.010	0.25	252.08
72	183	100	166	150	11	0.011	0.289	270.9
76	192	105	175	158	13	0.013	0.33	285.95
82	208	114	189	170	14	0.014	0.356	308.52
87	220	120	200	180	15	0.015	0.38	312
105	267	146	244	220	18	0.0175	0.445	385.06